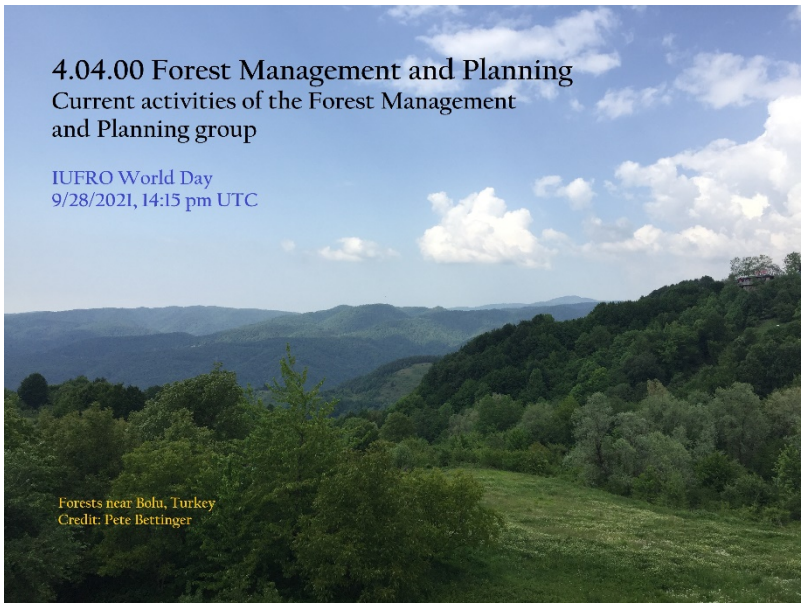

Live session at the IUFRO World Day (Slide show)

Current activities of the forest management and planning group.

Division 4 - Forest Management Planning – Unit 4.04.00

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28 September 2021, 14:15 – 14:30 UTC

Atlanta, USA (on the IUFRO World Day Map)

To join us, please register for the IUFRO World Day: Registration

You will find us at the host city on the Interactive Map

ABSTRACT

Sustainable forest management requires forest managers to assess alternatives and select the appropriate courses of action that best serve the landowner and society. Methods for assessing alternative forest plans continue to evolve as the forest planning problem becomes more complex, as computer systems improve, and as functional relationships among resources and outcomes are better understood. In addition, the broader risks associated with pursuing alternative courses of action need to be assessed and compared. This session will explore recent developments and applications of IUFRO members on new methods and tools for efficiently and effectively managing forests, and techniques of risk analysis.

KEYWORDS

- Sustainable Forest Management
- Landscape Planning
- Forest Resources
- Plantation Forestry
- Forest Planning

SPEAKERS

Dr. Jose Borges

Ph.D. in Forest Sciences (U. Minnesota), associate professor at the School of Agriculture (ISA), ULisboa. Coordinator of IUFRO Unit 4.04.04 Sustainable forest management scheduling and of the Erasmus Mundus Joint Master Degree MEDFOR. Has 25+ years of research and outreach experience in forest management planning methods and decision support systems. Acted as PI or as coordinator of the participation of ISA in national and international projects targeting the development of forest management planning methods, of tools to analyse tradeoffs between ecosystem services and of business models to attract payments for these services. Co-authored over 100 international peer-reviewed publications.

Dr. Rasoul Yousefpour

Rasoul Yousefpour earned his PhD from the University of Freiburg, Germany, in 2009. After two Postdoctoral experience at the University of Copenhagen (2010-2013) and Max-Planck-Institute for Meteorology in Hamburg (2013-2014), He became an assistant professor at the University of Freiburg since 2014. His area of specialty is adaptive forest management and decision-making. He uses ecological modelling approaches to forecast

the ways forests will grow and change over time, then performs analysis on those models to determine the effects of different human interventions.
Analyzing climate risks and uncertainties for Climate-Smart Forestry is his current research in line with IUFRO 4.4.7 "Risk Analysis" visions.

Dr. Pete Bettinger

Pete Bettinger is the Hargreaves Distinguished Professor in Forest Management at the University of Georgia. He conducts research in applied forest management with particular emphasis on harvest scheduling, landscape planning, precision forestry, and geospatial technologies. Dr. Bettinger received Bachelor's and Master's degrees in forestry from Virginia Tech, and a PhD in forest resources from Oregon State University. In 2018, he was selected as a Fellow in the Society of American Foresters, and in 2020 he received the Carl Alwin Schenck Award from the Society of American Foresters for outstanding performance in the field of forestry education.